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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,766,337	05/16/1998	Moon	106	690	
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

Other (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
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	C2	G. D. Roy, "High Power, High Repetition Rate Switches: An Overview," Office of Naval Research, United States Navy, Naval Research Review, Vol. 2, 1990, p. 17-24.
	C3	Plasmas and Fluids, Physics Through the 1990s, Physics Survey Committee, National Research Council, National Academy Press, Washington, D.C., 1986, pages 100-101.
	C4	Matthew T. Domonkos, "Increased PRF for Pulsed Power," SITIS Topic No. OSD05-D05, OSD, United States Air Force, dodsbir.net, printed 8/16/2005, 3 pages.

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	C6	Velikovich et al., "Z-Pinch Plasma Neutron Sources," DE-AC04-94-AL85000, Proj-2480M Report No.(s): AD-A446151; NRL/MR/672006-8927, Naval Research Laboratory, Washington, D.C., Mar 24, 2006; 54 pages.
	C7	Yousry Gohar, "Fusion Solution to Dispose of Spent Nuclear Fuel, Transuranic Elements, and Highly Enriched Uranium," Report ANL/TD/CP-102732, Argonne National Laboratory, Argonne, IL, Proceedings of the 21st Symposium on Fusion Technology (SOFT-21), Madrid, Spain, September 11-15, 2000, 6 pages.
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	C11	K. W. Chu and G. L. Scott, "A Comparison of High-Voltage Switches," SAND99-0154, Sandia National Laboratories, Albuquerque NM, Feb. 1999, 5 pages.
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	C14	Jackson et al., "Overview of recent results from the triggered plasma opening switch experiment," The 31st IEEE International Conference on Plasma Science, Baltimore, MD, 28 June - 1 July 2004, IEEE, Piscataway, NJ, page 372.
	C15	Ribe et al., "Feasibility Study of a Pulsed Thermonuclear Reactor," LA-3294-MS, Los Alamos Scientific Laboratory, Los Alamos, NM, May 20, 1965, 59 pages.
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	C20	T. K. Fowler, "Gun Requirements to Achieve High Field Spheromak," UCRL-ID-133245, Lawrence Livermore National Laboratory, Livermore, CA, March 4, 1999, 14 pages.

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	C22	Woodruff et al., "Route to high temperatures by current amplification in the Sustained Spheromak Physics Experiment (SSPX)," Lawrence Livermore National Laboratory, Livermore, CA, presented at the 29 th EPS Conference on Plasma Physics and Controlled Fusion, Montreux, Switzerland, 17-21 June 2002 ECA Vol. 26B, P-5.047 (2002), 4 pages.
	C23	Sovinec et al., "Spheromak energy confinement in sustained and transient conditions," The 31st IEEE International Conference on Plasma Science, Wisconsin Univ., Madison, WI, ICOPS 2004, 28 June-1 July 2004, IEEE, Piscataway, NJ, page 159.
	C24	P. J. Turchi, "Prospects for Pulsed Power Above Ten Megampers," 12th IEEE International Pulsed Power Conference, Monterey, CA June 26-27, 1999, IEEE, Piscataway, NJ, Volume 1, pages 3 - 7.
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	C28	Williams et al., "Generation IV Roadmap Activity Description of Generation IV Reactor and Fuel Cycle Molten Salt Reactors (MSRs) for Production of Electricity with Fissile, Fertile, and Fission Products Dissolved in a Fluoride Salt," Oak Ridge National Laboratory, Oak Ridge TN, April 25, 2001, 6 pages.

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	C31	E. van Dijk, "Experimental results obtained with the 1 MA resonant series counterpulse opening switch system, developed at TNO," 1997 11th IEEE International Pulsed Power Conference, Baltimore, MA, 29 Jun-2 Jul 1997, IEEE, Piscataway, NJ, Volume 1, pages 287 - 292.
	C32	Kukushkin, et al., "On the plasma-focus-produced spheromak for the D-3He-fusion-based jet propulsion," Fusion Engineering (SOFE '95) IEEE/NPSS Symposium, Champaign, IL, 30 Sep-5 Oct 1995, IEEE, Piscataway, NJ, Volume 2, pages 1490 - 1493.
	C33	Sahlin et al., "The Plasma Focus as a Pulsed Power Source," Lawrence Livermore Laboratory, Proceedings of the International Topical Conference on Electron Beam Research & Technology, Nov. 3-5, 1975, Albuquerque, NM, 34 pages.
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	C35	G. R. Jones, <u>High Pressure Arcs in Industrial Devices</u> , Cambridge University Press, Cambridge, England, 1988, pages 4-6.
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	C38	Benage et al., "The Plasma Flow Switch Experiment on Procyon," LA-UR-95-2552, Los Alamos National Laboratory, Los Alamos, NM, Presented at the 10 th IEEE International Pulsed Power Conference, Albuquerque, NM, July 10-13, 1995, IEEE, Piscataway, NJ, 8 pages.
	C39	Guenther et al., editors, <u>Opening Switches</u> , Plenum Press, New York, NY, 1987, pages 204-206, 300.
	C40	Lee et al., "Plasma Flow Switch Experiments on the Pegasus Facility," LA-UR-91-1983, Los Alamos National Laboratory, Los Alamos, NM, presented at the IEEE Pulsed Power Conference, San Diego, CA, June 17-19, 1991, IEEE, Piscataway, NJ, 4 pages.
	C41	E. M. Honig, "Progress in Developing Repetitive Pulse Systems Utilizing Inductive Energy Storage," LA-UR-83-1585, Los Alamos National Laboratory, Los Alamos, NM, Presented at the 4 th IEEE Pulsed Power Conference, Albuquerque, NM, June 6-8, 1983, IEEE, Piscataway, NJ, 5 pages.
	C42	Peterkin et al., "A Long Conduction Time Compact Torus Plasma Opening Switch," IEEE Transactions on Plasma Science, Vol. 21, No. 5, October, 1993, IEEE, Piscataway, NJ, pp. 522-528.
	C43	Wysocki et al., "Plasma Gate Switch Experiment on Pegasus II," LA-UR-95-2553, Los Alamos National Laboratory, Los Alamos, NM, Presented at 10 th IEEE Pulsed Power Conference, Albuquerque, NM, July 10-13, 1995, IEEE, Piscataway, NJ, 8 pages.

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	C49	T. Intrator, "Magnetized Target Fusion Collaboration 2004: Recent Progress," LA-UR-04-2578, Los Alamos National Laboratory, Los Alamos, NM, presented at the Innovative Confinement Concepts Workshop, Madison, WI, 25-28 May 2004, 35 pages.
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	C52	R. E. Reinovsky and C.A. Ekdahl, "Development of Imploding Liners with Kinetic Energies > 100 MJ and Their Applications," LA-UR-96-3962, Los Alamos National Laboratory, Los Alamos, NM, presented at the 7 th International Conference on Megagauss Magnetic Field Generation and Related Topics, Sarov (Arzamas-16), Russia, August 5-10, 1996, 13 pages.
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	C58	John Willis, "Bringing a Star to Earth," U.S. Department of Energy Office of Fusion Energy Sciences, presentation at NASA's Goddard Space Flight Center, Greenbelt, MD, January 24, 2005, 43 pages.
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